total FWwd Packet - Total packets in the forward direction

total Bwd packets - Total packets in the backward direction

total Length of Fwd Packet Total size of packet in forward direction

total Length of Bwd Packet Total size of packet in backward direction

Fwd Packet Length Min Minimum size of packet in forward direction

Fwd Packet Length Max Maximum size of packet in forward direction

Fwd Packet Length Mean Mean size of packet in forward direction

Fwd Packet Length Std Standard deviation size of packet in forward direction

Bwd Packet Length Min Minimum size of packet in backward direction

Bwd Packet Length Max Maximum size of packet in backward direction

Bwd Packet Length Mean Mean size of packet in backward direction

Bwd Packet Length Std Standard deviation size of packet in backward direction

Flow Byte/s Number of flow packets per second

Flow Packets/s Number of flow bytes per second

Flow IAT Mean Mean time between two packets sent in the flow

Flow IAT Std Standard deviation time between two packets sent in the flow

Flow IAT Max Maximum time between two packets sent in the flow

Flow IAT Min Minimum time between two packets sent in the flow

Fwd IAT Min Minimum time between two packets sent in the forward direction

Fwd IAT Max Maximum time between two packets sent in the forward direction

Fwd IAT Mean Mean time between two packets sent in the forward direction

Fwd IAT Std Standard deviation time between two packets sent in the forward direction

Fwd IAT Total Total time between two packets sent in the forward direction

Bwd IAT Min Minimum time between two packets sent in the backward direction

Bwd IAT Max Maximum time between two packets sent in the backward direction

Bwd IAT Mean Mean time between two packets sent in the backward direction

Bwd IAT Std Standard deviation time between two packets sent in the backward direction

Bwd IAT Total Total time between two packets sent in the backward direction

Fwd PSH flag Number of times the PSH flag was set in packets travelling in the forward direction (0 for UDP)

Bwd PSH Flag Number of times the PSH flag was set in packets travelling in the backward direction (0 for UDP)

Fwd URG Flag Number of times the URG flag was set in packets travelling in the forward direction (0 for UDP)

Bwd URG Flag Number of times the URG flag was set in packets travelling in the backward direction (0 for UDP)

Fwd Header Length Total bytes used for headers in the forward direction

Bwd Header Length Total bytes used for headers in the backward direction

FWD Packets/s Number of forward packets per second

Bwd Packets/s Number of backward packets per second

Min Packet Length Minimum length of a packet

Max Packet Length Maximum length of a packet

Packet Length Mean Mean length of a packet

Packet Length Std Standard deviation length of a packet

Packet Length Variance Variance length of a packet

FIN Flag Count Number of packets with FIN

SYN Flag Count Number of packets with SYN

RST Flag Count Number of packets with RST

PSH Flag Count Number of packets with PUSH

ACK Flag Count Number of packets with ACK

URG Flag Count Number of packets with URG

CWR Flag Count Number of packets with CWE

ECE Flag Count Number of packets with ECE

down/Up Ratio Download and upload ratio

Average Packet Size Average size of packet

Avg Fwd Segment Size Average size observed in the forward direction

AVG Bwd Segment Size Average number of bytes bulk rate in the forward direction

Fwd Header Length Length of header for forward packet

Fwd Avg Bytes/Bulk Average number of bytes bulk rate in the forward direction

Fwd AVG Packet/Bulk Average number of packets bulk rate in the forward direction

Fwd AVG Bulk Rate Average number of bulk rate in the forward direction

Bwd Avg Bytes/Bulk Average number of bytes bulk rate in the backward direction

Bwd AVG Packet/Bulk Average number of packets bulk rate in the backward direction

Bwd AVG Bulk Rate Average number of bulk rate in the backward direction

Subflow Fwd Packets The average number of packets in a sub flow in the forward direction

Subflow Fwd Bytes The average number of bytes in a sub flow in the forward direction

Subflow Bwd Packets The average number of packets in a sub flow in the backward direction

Subflow Bwd Bytes The average number of bytes in a sub flow in the backward direction

Init\_Win\_bytes\_forward The total number of bytes sent in initial window in the forward direction

Init\_Win\_bytes\_backward The total number of bytes sent in initial window in the backward direction

Act\_data\_pkt\_forward Count of packets with at least 1 byte of TCP data payload in the forward direction

min\_seg\_size\_forward Minimum segment size observed in the forward direction

Active Min Minimum time a flow was active before becoming idle

Active Mean Mean time a flow was active before becoming idle

Active Max Maximum time a flow was active before becoming idle

Active Std Standard deviation time a flow was active before becoming idle

Idle Min Minimum time a flow was idle before becoming active

Idle Mean Mean time a flow was idle before becoming active

Idle Max Maximum time a flow was idle before becoming active

Idle Std Standard deviation time a flow was idle before becoming active

total\_fpackets Total packets in the forward direction

total\_bpackets Total packets in the backward direction

total\_fpktl Total size of packet in forward direction

total\_bpktl Total size of packet in backward direction

min\_fpktl Minimum size of packet in forward direction

min\_bpktl Minimum size of packet in backward direction

max\_fpktl Maximum size of packet in forward direction

max\_bpktl Maximum size of packet in backward direction

mean\_fpktl Mean size of packet in forward direction

mean\_bpktl Mean size of packet in backward direction

std\_fpktl Standard deviation size of packet in forward direction

std\_bpktl Standard deviation size of packet in backward direction

total\_fiat Total time between two packets sent in the forward direction

total\_biat Total time between two packets sent in the backward direction

min\_fiat Minimum time between two packets sent in the forward direction

min\_biat Minimum time between two packets sent in the backward direction

max\_fiat Maximum time between two packets sent in the forward direction

max\_biat Maximum time between two packets sent in the backward direction

mean\_fiat Mean time between two packets sent in the forward direction

mean\_biat Mean time between two packets sent in the backward direction

std\_fiat Standard deviation time between two packets sent in the forward direction

std\_biat Standard deviation time between two packets sent in the backward direction

fpsh\_cnt Number of times the PSH flag was set in packets travelling in the forward direction (0 for UDP)

bpsh\_cnt Number of times the PSH flag was set in packets travelling in the backward direction (0 for UDP)

furg\_cnt Number of times the URG flag was set in packets travelling in the forward direction (0 for UDP)

burg\_cnt Number of times the URG flag was set in packets travelling in the backward direction (0 for UDP)

total\_fhlen Total bytes used for headers in the forward direction

total\_bhlen Total bytes used for headers in the backward direction

fPktsPerSecond Number of forward packets per second

bPktsPerSecond Number of backward packets per second

flowPktsPerSecond Number of flow packets per second

flowBytesPerSecond Number of flow bytes per second

min\_flowpktl Minimum length of a flow

max\_flowpktl Maximum length of a flow

mean\_flowpktl Mean length of a flow

std\_flowpktl Standard deviation length of a flow

min\_flowiat Minimum inter-arrival time of packet

max\_flowiat Maximum inter-arrival time of packet

mean\_flowiat Mean inter-arrival time of packet

std\_flowiat Standard deviation inter-arrival time of packet

flow\_fin Number of packets with FIN

flow\_syn Number of packets with SYN

flow\_rst Number of packets with RST

flow\_psh Number of packets with PUSH

flow\_ack Number of packets with ACK

flow\_urg Number of packets with URG

flow\_cwr Number of packets with CWE

flow\_ece Number of packets with ECE

downUpRatio Download and upload ratio

avgPacketSize Average size of packet

fAvgSegmentSize Average size observed in the forward direction

fAvgBytesPerBulk Average number of bytes bulk rate in the forward direction

fAvgPacketsPerBulk Average number of packets bulk rate in the forward direction

fAvgBulkRate Average number of bulk rate in the forward direction

bAvgSegmentSize Average size observed in the backward direction

bAvgBytesPerBulk Average number of bytes bulk rate in the backward direction

bAvgPacketsPerBulk Average number of packets bulk rate in the backward direction

bAvgBulkRate Average number of bulk rate in the backward direction

sflow\_fpacket The average number of packets in a sub flow in the forward direction

sflow\_fbytes The average number of bytes in a sub flow in the forward direction

sflow\_bpacket The average number of packets in a sub flow in the backward direction

sflow\_bbytes The average number of bytes in a sub flow in the backward direction

min\_active Minimum time a flow was active before becoming idle

mean\_active Mean time a flow was active before becoming idle

max\_active Maximum time a flow was active before becoming idle

std\_active Standard deviation time a flow was active before becoming idle

min\_idle Minimum time a flow was idle before becoming active

mean\_idle Mean time a flow was idle before becoming active

max\_idle Maximum time a flow was idle before becoming active

std\_idle Standard deviation time a flow was idle before becoming active

Init\_Win\_bytes\_forward The total number of bytes sent in initial window in the forward direction

Init\_Win\_bytes\_backward The total number of bytes sent in initial window in the backward direction

Act\_data\_pkt\_forward Count of packets with at least 1 byte of TCP data payload in the forward direction

min\_seg\_size\_forward Minimum segment size observed in the forward direction